MA 11100 Exam 3 Answers
Spring 2010

		Form A	Form B
1)	$\left(-\infty, -\frac{17}{2}\right]$	(E)	(B)
2)	There are two solutions; one positive, the other zero. ($x = 0 \quad x = 16$)	(B)	(E)
3)	$\{x \mid -2 \le x \le 18\}$	(A)	(C)
4)	$-m^2 - 15m + 13$	(B)	(D)
5)	I and II only	(C)	(A)
6)	$(6x + 1)$	(E)	(B)
7)	$(4x - 3)$	(B)	(E)
8)	$3xy(3x + 10)(3x - 10)$	(D)	(A)
9)	$x = -\frac{3}{2}$ (other solution is $x = 1$)	(A)	(B)
10)	The length of the garden is between 8 and 11 feet. (10 feet)	(C)	(A)
11)	$\dfrac{a}{a - b}$	(A)	(D)
12)	$\dfrac{y + 8}{y(y + 4)}$	(C)	(D)
13)	The solution is less than -20. ($y = -23$)	(A)	(C)
14)	$1\frac{1}{2}$ hours	(E)	(C)
15)	$y = \dfrac{10}{x}, \quad y = \dfrac{10}{3}$	(C)	(B)